

Submit 3 Copies  
to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

MAY 29 1990

OIL CON. DIV.

WELL API NO.

30-045-27728

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

E-2724-2

7. Lease Name or Unit Agreement Name

Atlantic Fruitland 32

8. Well No.

1

9. Pool name or Wildcat

Basin-Fruitland Coal Gas Pool

SUNDRY NOTICES AND REPORTS ON WELLS  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A  
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"  
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

OIL  
WELL ☐

GAS  
WELL ☒

OTHER

2. Name of Operator

ARCO OIL AND GAS COMPANY

3. Address of Operator

P. O. Box 1610, Midland, Texas 79702

4. Well Location

Unit Letter K : 1500 Feet From The South Line and 1350 Feet From The West Line

Section

32

Township

31 N

Range

10 W

NMPM

San Juan

County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

6152 GR

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☒

PULL OR ALTER CASING ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Propose to change casing program from a open hole completion to a cased hole completion as follows:

| Hole Size | Csg Size | Weight | Depth | Sacks Cnt | TOC  |
|-----------|----------|--------|-------|-----------|------|
| 12 1/4    | 8 5/8    | 24 #   | 500   | 350 sx    | Circ |
| 7 7/8     | 5 1/2    | 15.5 # | 3000  | 700 sx    | Circ |

Total Depth 3000'.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

Ken W. Gosnell

TITLE

Engr. Tech.

DATE

5-24-90

TYPE OR PRINT NAME

Ken W. Gosnell

915/688-5672

TELEPHONE NO.

(This space for State Use)

APPROVED BY

TITLE

MANAGER DISTRICT

DATE

MAY 29 1990

CONDITIONS OF APPROVAL, IF ANY:

**DRILLING PROGNOSIS**  
**1990 Coal Degasification Program**

|  |                               |   |   |
|--|-------------------------------|---|---|
| <b>Well Name</b><br><br><i>Atlantic Fruitland 32 #1</i>  |                               | <b>Location</b><br><br><i>1500' FSL &amp; 1350' FWL</i> | <b>GL Elevation</b><br><br><i>6152'</i> |
| <b>AFE Number</b><br><br><i>743097</i>   | <b>TD</b><br><br><i>2935'</i> | <b>Coring Program</b><br><br><i>None</i>                |   |
| <b>Expected Tops</b><br><br><i>Fruitland                      2485'</i><br><i>Base of Coal                  2835'</i><br><i>Pictured Cliffs              2835'</i> |                               |   |   |

**Mud Logging**

*None*

**Open-Hole Logging**    *Gr/Lithodensity/Compensated Neutron/Cal from TD to surface csg shoe.  
Close caliper above the Fruitland if tight hole conditions exist.  
GR/DIL as per engineering instructions.*

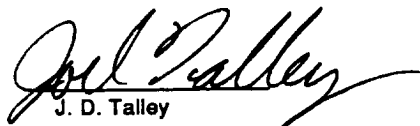
**Special Mud Requirements**

*Drill-out surf shoe w/ WL<15cc & 35-40 vis. Drop WL to 10 cc 100' above coal. Build vis as necessary to clean hole. Control water loss w/ Alcomer as base & daily additions of Drispac. Use Benex as necessary to control solids. Fruitland pore pressure gradient is 11.2 ppg at the top.*

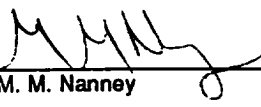
**Other Considerations**

*Cement 8 5/8" surf csg @ 500' w/ 350 sx CI "B" (100% excess) w/ 2% CaCl<sub>2</sub> & 1/4 pps CF. Add 1/4 pps CF in long-string lead slurry*

*Cement 5 1/2" prod csg w/ 200 sx CI 'B' neat tail and calc lead on 15% excess over caliper volume to surface. Lead cement is 65/35/6 CI 'B'/Poz/Gel.*

  
J. D. Talley

Concur:

  
M. M. Nanney

  
D. R. Dees

  
R. A. Meize

Approval:

  
D. C. Hradecky